



# 21<sup>st</sup> Century Trucks and Telematics

Mr. Paul Skalny  
NAC Associate Director



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# 21st Century Trucks Vision



Truck fleets that are more...

- Fuel Efficient
- Cleaner
- Safer
- Affordable

A tactical vehicle fleet that is also...

- Easier to support
- Survives in the battle space
- Faster to deploy
- Always ready



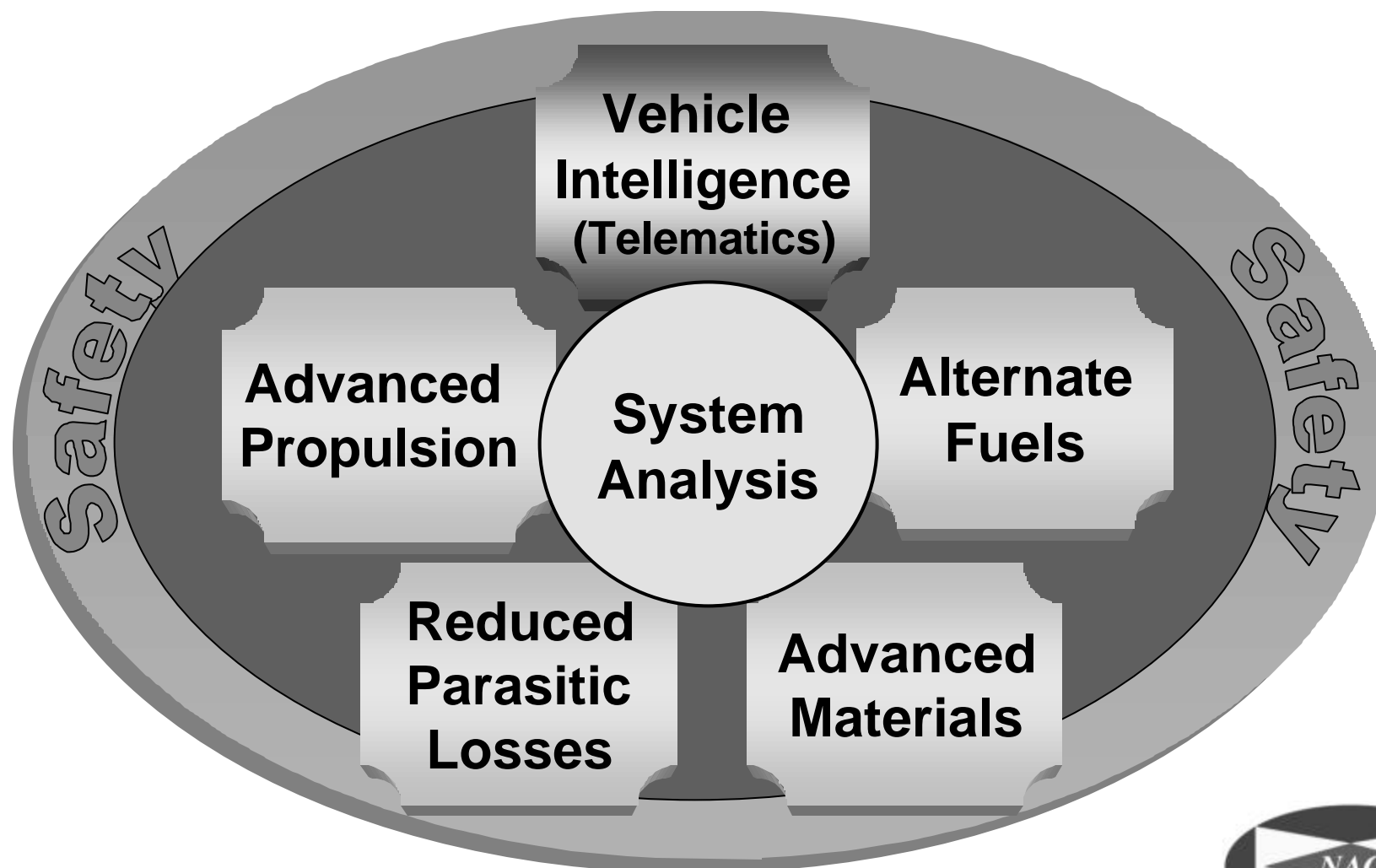
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# 21st Century Trucks Research Focus



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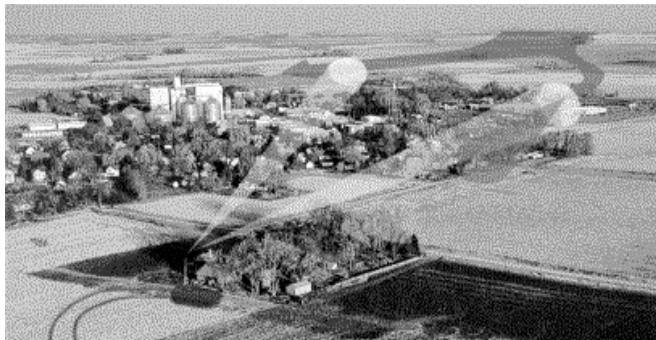


# 21st Century Trucks

## Bringing Telematics to the Transformation



Future Scout Cavalry System



Future Combat System

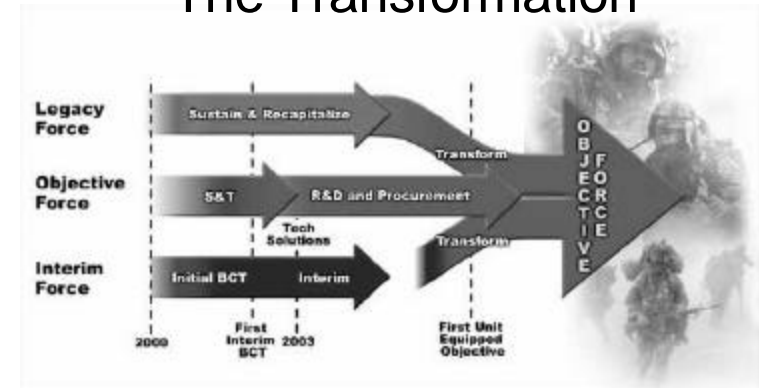


Interim Brigade Combat Systems



**Vehicle Intelligence (Telematics)**

The Transformation



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# 21st Century Trucks

## Measuring the Real-World Impact of Telematics



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# 21st Century Trucks Demonstrating Telematics

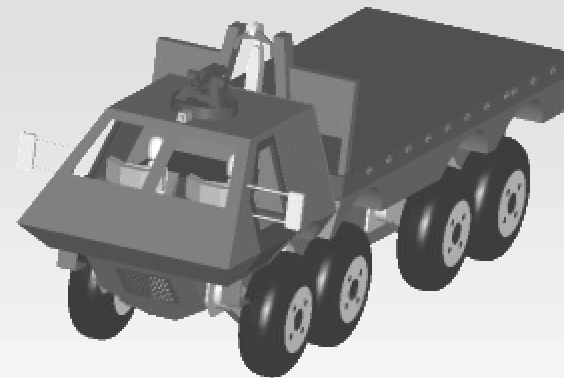


## Class 6 Command Center With a Hybrid Propulsion System (Smart Bus)

- Autonomous Command Center Vehicle
- Real-time Propulsion Systems Analysis
- Web-based Satellite Communications
- GPS
- Collision Avoidance
- Night Vision



## Future Tactical Truck System



- Maintainer's Remote Logistics Network (MRLN)
- Voice Interactive TruckPC
- Movement Tracking System (MTS)



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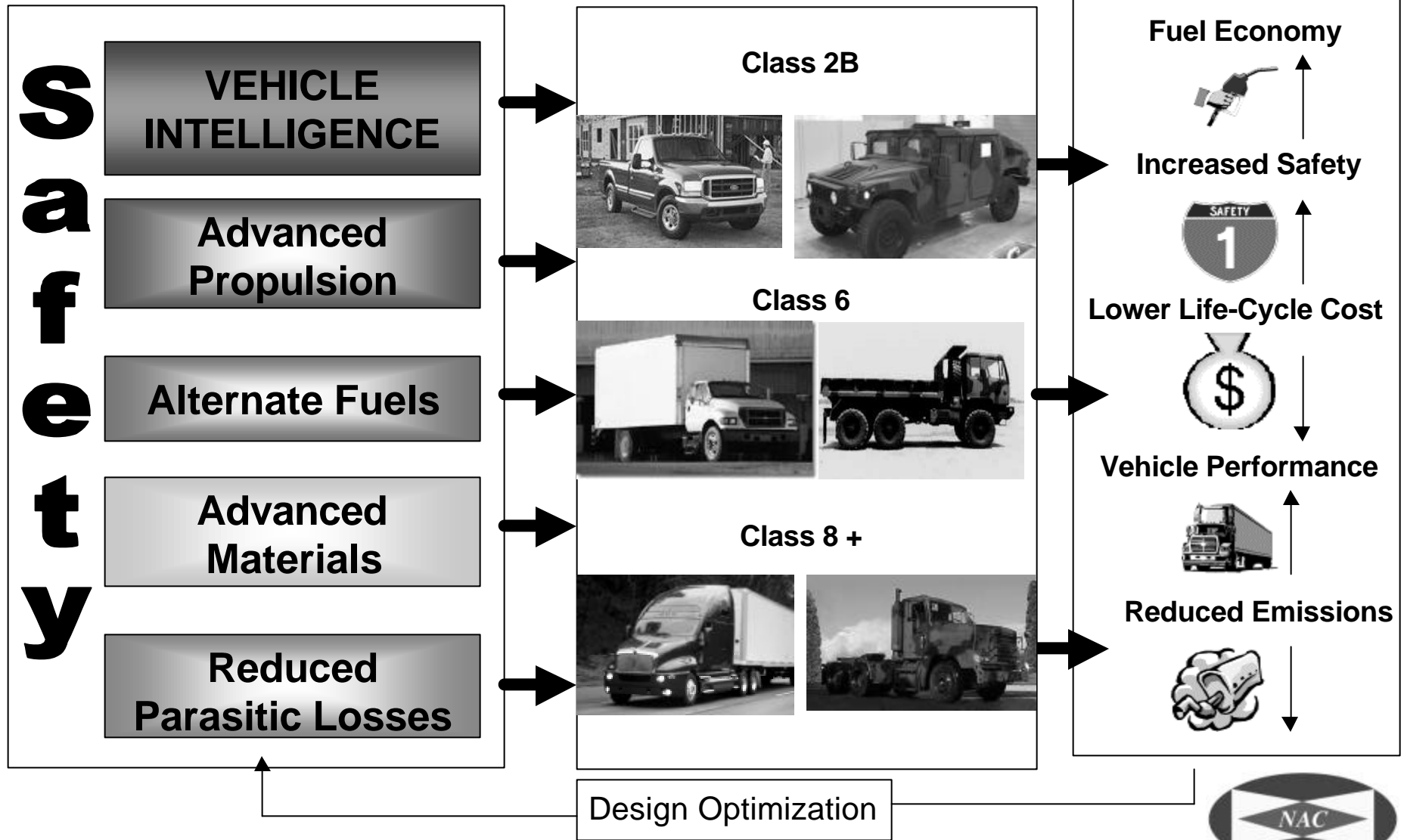
# 21st Century Trucks: Putting it all Together



## Focus Areas

## Platforms

## Outcomes



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